

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

02/04/2002

Michael O Sturm Henderson & Sturm 206 Sixth Avenue Suite 1213 Des Moines, IA 50309-4076 EXAMINER

DANG, KHANH NMN

ART UNIT CLASS-SUBCLASS

181-198000

2837

DATE MAILED: 02/04/2002

 APPLICATION NO.
 FILING DATE
 FIRST NAMED INVENTOR
 ATTORNEY DOCKET NO.
 CONFIRMATION NO.

 09/525,365
 03/15/2000
 Larry D. Forbes
 2-5127-013
 9374

TITLE OF INVENTION: NOISE ABATEMENT FILTER FOR FUEL TANKS

TOTAL CLAIMS	APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
11	nonprovisional	YES	\$640	\$0	\$640	05/06/2002

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above. If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

B. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
 - ☐ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and mail this form, together with applicable fee(s), to:

Box ISSUE FEE

Assistant Commissioner for Patents Washington, D.C. 20231

MAILING INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks I through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address.

indicated unless correcte maintenance fee notificat	d below or directed of ions.	herwise in Block 1, b	y (a) spe	ecifying a new corr	espondence address;	and/or (b) indicating a sep	arate "FEE ADDRESS" for
	NCE ADDRESS (Note: Legib	ly mark-up with any correction	ns or use E	Block 1)	Note: The certificate	e of mailing below can or s) Transmittal. This certification	nly be used for domestic
	7590 02/04	4/2002			mailings of the Fee(s	s) Transmittal. This certification pares. Each additional pares.	até cannot be used for any
Michael O Stur	m			,	or formal drawing, m	papers. Each additional par ust have its own certificate of	of mailing.
Henderson & Stu	ırm					Certificate of Mailing	
206 Sixth Avenu	e	•			I hereby certify that United States Postal !	this Fee(s) Transmittal is Service with sufficient posta to the Box Issue Fee ad	being deposited with the
Suite 1213	50300 4036				envelope addressed indicated below.	to the Box Issue Fee ad	dress above on the date
Des Moines, IA	50309-4076			Γ	marouted below.		(Depositor's name)
				<u> </u>			(Signature)
							(Date)
							(5.117)
APPLICATION NO.	FILING DATE		FIRS	T NAMED INVENTO	OR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/525,365	03/15/2000			Larry D. Forbes		2-5127-013	9374
FITLE OF INVENTION:	NOISE ABATEMEN	T FILTER FOR FUEL	TANKS	5			
TOTAL CLAIMS	APPLN. TYPE	SMALL ENTITY		ISSUE FEE	PUBLICATION FE	E TOTAL FEE(S) DUE	DATE DUE
11	nonprovisional	YES		\$640	\$0	\$640	05/06/2002
271.1							
	MINER	ART UNIT		CLASS-SUBCLA			
DANG, Kr	IANH NMN	2837		181-198000	•		
1. Change of correspond	lence address or indicat	tion of "Fee Address" (37	2. For printing or	n the patent front pa	ge, list (1)	
CFR 1.363). Use of PTC but not required.	From(s) and Customer	r Number are recomme	nded,	the names of up	to 3 registered paten	t attorneys	
☐ Change of correspor	ndence address (or Char	nge of Correspondence	,		ternatively, (2) the ing as a member a		
Address form PTO/SB	/122) attached.	•			t) and the names o		·
☐ "Fee Address" indic PTO/SB/47) attached.	ation (or "Fee Address'	' Indication form		is listed, no name	attorneys or agents. I will be printed.	3	
3. ASSIGNEE NAME AN	ND RESIDENCE DAT	A TO BE DDINTED C	N THE	DATENT (print on	ta)		
been previously submitte	ed to the USPTO or is b	being submitted under	separate	cover. Completion	of this form is NOT a	gnee data is only appropriat a substitute for filing an assig	gnment.
(A) NAME OF ASSIGN	IEE		(B) RE	SIDENCE: (CITY a	and STATE OR COU	NTRY)	
	•	•					
lease check the appropris	ate assignee category or	r categories (will not be	e printed	on the patent)	🗖 individual 🚨 c	orporation or other private g	roup entity government
a. The following fee(s) a	re enclosed:		4b. Pay	ment of Fee(s):			
☐ Issue Fee			A ch	eck in the amount o	f the fee(s) is enclose	d.	
☐ Publication Fee	•		•	•	Form PTO-2038 is a		•
☐ Advance Order - # of	Copies		Deposit	Commissioner is he t Account Number	reby authorized by ch	narge the required fee(s), or one on close an extra copy of this	credit any overpayment, to
The COMMISSIONED O	E DATENITO AND TO	ADEMARKS:					-
pplication identified above	r PATENTS AND TR ve.	ADEMARKS is reque	sted to a	pply the Issue Fee a	ind Publication Fee (i	f any) or to re-apply any pre	viously paid issue fee to the
Authorized Signature)		(Date)					
							•
NOTE; The Issue Fee a	and Publication Fee (if	f required) will not be	accepte	ed from anyone	•		
other than the applicant interest as shown by the	t; a registered attorney records of the United S	y or agent; or the ass states Patent and Trade	ignee oi mark Of	r other party in fice.			
Burden Hour Statement	This form is astimated	t = 4-l-= 0 3 b		<u> </u>			
to complete this form sh	of the individual case, a nould be sent to the Cl	Any comments on the a hief Information Office	amount e er, Unite	of time required ed States Patent			
depending on the needs of to complete this form shand Trademark Office, VFORMS TO THIS AD	Washington, D.C. 2023 DDRESS. SEND FEE	31. DO NOT SEND FI S AND THIS FORM	EÉS OR	COMPLETED Box Issue Fee			
rissistant Commissioner	ioi i atches, washingto	II, D.C. 20231		i i			
Under the Paperwork I collection of information	Reduction Act of 199 unless it displays a val	5, no persons are red lid OMB control numb	quired to	o respond to a			



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231 www.uspto.gov

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/525,365	03/15/2000	Larry D. Forbes	. 2-5127-013	9374	
7590 02/04/2002			EXAMINER		
Michael O Sturm			DANG, KHANH NMN		
Henderson & Sturm 206 Sixth Avenue	1		· ART UNIT	PAPER NUMBER	
Suite 1213 Des Moines, IA 503	300 4076		2837		
UNITED STATES	309-4070		DATE MAILED: 02/04/2002		

Determination of Patent Term Extension under 35 U.S.C. 154 (b)
. (application filed after June 7, 1995 but prior to May 29, 2000)

The patent term extension is 0 days. Any patent to issue from the above identified application will include an indication of the 0 day extension on the front page.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (http://pair.uspto.gov)

NP

Notice of Allowability

Application No. 09/525,365

Applicant(s)

Forbes et al.

Examiner

Khanh Dang

Art Unit 2837

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course.

THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. 1. X This communication is responsive to 1/9/2002 amenendment 2. X The allowed claim(s) is/are 3-13 3. X The drawings filed on Mar 15, 2000 are acceptable as formal drawings. 4. Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d). a) 🗌 All b) Some* c) None of the: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. \square Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). *Certified copies not received: 5. Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e). Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 6. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED. 7. Applicant MUST submit NEW FORMAL DRAWINGS (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) hereto or 2) to Paper No. . (b) including changes required by the proposed drawing correction filed , which has been approved by the examiner. (c) including changes required by the attached Examiner's Amendment/Comment or in the Office action of Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson. 8. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL. Any reply to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE/SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included. Attachment(s) 1 Notice of References Cited (PTO-892) 2 Notice of Informal Patent Application (PTO-152) 3 Notice of Draftsperson's Patent Drawing Review (PTO-948) 4 Interview Summary (PTO-413), Paper No. ___ 5 Information Disclosure Statement(s) (PTO-1449), Paper No(s). 6 Examiner's Amendment/Comment 8 Examiner's Statement of Reasons for Allowance 7 Examiner's Comment Regarding Requirement for Deposit of Biological Material was peres 9 Other **KHANH DANG** PRIMARY EXAMINER

GROUP 2100